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SEP 12 2004
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STATEMENT BY APPLICANT

(use as many sheets as necessary)

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| Sheet | A | of | A |
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Complete if Known

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|------------------------|--------------------------|
| Application Number | 09/756,504 |
| Filing Date | January 8, 2001 |
| First Named Inventor | Gregory Edward Bottomley |
| Group Art Unit | 2637 |
| Examiner Name | Khai Tran |
| Attorney Docket Number | 8194-461 |

U.S. PATENTS AND PATENT PUBLICATIONS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T |
|--------------------|----------|---|---|
| llt | 1 | Lagunas, Miguel A., "Joint Array Combining and MLSE for Single-User Receivers in Multipath Gaussian Multiuser Channels," IEEE Journal on Selected Areas in Communication, Vol. 18, No. 11, November 2000, pp. 2252-2259 | |
| llt | 2 | Tantikovit et al., "Joint Multipath Diversity Combining and MLSE Equalization (Rake-MLSE Receiver) for WCDMA Systems," Vehicular Technology Conference Proceedings, 2000, VTC 2000-Spring. Tokyo, 2000 IEEE 51 st , Volume 1, May 15-18, 2000, pp. 435-439 | |
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Examiner Signature

Date Considered

3/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
8194-461

Serial No.
To Be
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LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Bottomley et al.

Filing Date: January 8, 2001

Group

U. S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---------------------|--------------------|------|------|-------|----------|----------------------------------|
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FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Subclass | Translation Yes No |
|--------------------|------|---------|-------|----------|-------------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| 1 | Forney, Jr., G. David "Maximum-Likelihood Sequence Estimation of Digital Sequences in the Presence of Intersymbol Interference," IEEE Transactions on Information Theory, Vol., IT-18, No. 3, May 1972, pp. 363-377 |
| 2 | Ungerboeck, Gottfried "Adaptive Maximum-Likelihood Receiver for Carrier-Modulated Data-Transmission Systems," IEEE Transactions on Communications, Vol. Com-22, No. 5, May 1974, pp. 624-636 |

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|---|---|--|----------|------------------------------------|-------|--------------------------|----------------------------------|
| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) | | | | Attorney Docket Number 8194-461 | | Serial No. 09/756,504 | |
| | | | | Applicants: Bottomley et al. | | | |
| | | | | Filing Date: January 8, 2001 | | Group 2631 | |
| U. S. PATENT DOCUMENTS | | | | | | | |
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| | 1 | 6,148,023 | 11/14/00 | Pelin et al. | 375 | 206 | |
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| | 5 | 1 065 793 A2 | 01/03/00 | Europe | | | |
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| | 6 | Standard Search Report, U.S. Application No. 09/756,504, August 29, 2001 | | | | | |
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